THE TECH

DAILY

VOL. XXIX. NO. 55. BOSTON, MASS., THURSDAY, DECEMBER 2, 1909 PRICE ONE CENT

NEW SKATING ARENA ON MASSACHUSETTS AVE.

Skating And Hockey Facilities To Be Available This Winter

Boston will be an important hockey centre this winter, with six of the Intercollegiate Hockey Association's championship games scheduled in this city. They will be played at the new Boston Arena, now under construction near the corner of Massachusetts Avenue and St. Botolph Street. Great progress has been made in the construction of the structure, the concrete foundations for which are all place. The first shipment of brick and steel arrived this week and the building will be rushed up with all possible speed. It is expected to be ready for the skaters and hockey players the second week in January.

The Arena covers an area of 61,000 square feet. the main building being 155 feet wide and 367 feet long. The head house will be 50 by 60 feet and the unobstructed ice surface will be 90 feet wide and 242 feet long—one of the largest artificial ice surfaces in the world. The normal seating capacity will be 5000 with provision for increasing it to about 5,300 seats on special occasions. There will be sixteen rooms for the hockey teams, fitted with lockers and other conveniences.

A curling department is to be placed in the Arena, quite separate from the main ice rink. This will contain three regulation curling rinks and will be the headquarters of the new City Curling Club now being formed by the leading curlers of Boston, Cambridge, Brookline and Newton. The Boston Skating Club will also have the use of the rink during certain hours each week.

The completion of the Arena will give a marked impetus to the three leading winter sports in and about Boston, and because of its nearness to the Institute, the possibility of its taking the place, with Tech men that the old park Square rink held, is very probable.

MILITARY DRILL NOTES

There seems to be no doubt but that the freshmen are taking up the military drill work with better spirit than has been the case in the past. Capt. Easton says that he has noticed a decided improvement since the beginning of the year and the battalion officers concur in this opinion.

The work of the companies seems to be almost good enough to commence the battalion drills but Capt. Easton has decided to wait until the beginning of the new year, the idea being that greater efficiency will be secured in this way.

The roster of commisioned officers has just been made complete by the appointment of J. H. Pratt 1912 to be second lieutenant of C company.

Capt. Easton has tried to make arrangements to get sabres for the officers this year. He says that the motion in favor of purchasing them has been passed by the military committee and that it only remains for the Bursar's department to purchase them.

A movement to obtain an endowment of $2,000,000 for Brown University, is announced by President W. H. P. Faunce. Nothing has yet been done toward securing pledges. President Faunce, in his announcement said: "It is felt by all the friends of Brown University that the present is an unusually favorable time for inaugurating the new movement. What we need especially is funds, the income of which will be available for the general work of the University."

EXCURSION TO QUINCY MARKET COLD STORAGE

M. E. Society Members Visit Coldest Place In Boston

Nine below zero was the temperature the Mechanical Engineering Society endured for many minutes yesterday afternoon. About twenty members visited the cold storage plant of the Quincy Market, and were duly impressed that winter had not come yet.

On arrival at the large fish freezer on Richmond Street, they were shown through many of the rooms and learnt the process of keeping fish; first freezing them stiff in pans of water, then after about a day or two, "glazing" them with ice by a brief dip in water, after which they keep indefinately if "glazed" every three or four months. In the adjourning building the poultry and egg products were seen. Then the party went to the large refrigerator on Atlantic Avenue.

After a splendid view of both city and harbor from ...e top of the building, the egg storage rooms were visited. Here, led on by the apparent ease with which the guide handled the pasteboard layers of the crates, members of the party tryed to handle the egg-filled layers with danger and in one case damage to the eggs.

Apples tempting but not tasted, wer exhibited to the eager members and then carefully put back in their paper wrapper into their place again.

The party disbanded about five o'clock after inspecting the power plant, which circulates the ammonia and the brine used in the process.

PROM. NOMINATIONS

One of the most important duties of the junior class at the Institute is to successfully plan and carry out the annual Junior week activities. To this end the class constitution provides that election to the junior prom committee be by ballot, under the same system as that governing the annual class elections.

Nominations must be at the Cage before 4 o'clock today, in care of the Board of Directors, Class of 1911. These nominations must be signed by at least ten (10) men.

Membership on this committee counts seven (7) points under the present system; and it is desired by the Board of Directors that all nominees arrange to conform to the point, thus obveating all necessity of a re-election.

MILITARY BALL

The commissioned and non-commissioned officers of the freshmen battalion held a meeting yesterday immediately following the drill. The meeting was held to dicuss plans for a military ball this winter. Major J. A. Herlihy 1911, said that the idea this year was to get the support of all the officers before any plans were made so that there would be a good backing for the project. All of the officers and about thirty non-commissioned officers handed in their names. This military ball has become an annual feature.

The C-H-Y-P. chess tournament will be held at New York City on December 22, 23 and 24. Princeton won the tournament last year for the first time, Harvard having previously won the cup nine times, Columbia six times, and Yale once.

SENIORS EXPECT BIG TIME TOMORROW NIGHT

Good List Of Speakers Arranged For Class Dinner At The Union

All loyal 1910 men will be at the Senior dinner tomorrow night, the last dinner of the class before Class Day and it is hoped, the biggest. Following the great success of the dinner last year when the men adjourned to the living room for the regular Friday evening entertainment, making the largest crowd which ever attended one of these gatherings, the class will adjourn tomorrow night to hear the regular speaker.

The committee has not yet given out the final list of speakers for the dinner, but Dean Burton has consented to come and try once more to make 1910 believe that they are the best class he ever saw. No dinner would be complete without one of the Dean's talks. As a class, the seniors have not heard Dr. Talbot speak since the first year but they have not forgotten the encouragement and advice which he used to give and will certainly be glad that he is to be present at the dinner.

Dr. Thorp of the chemical department is expected to speak, but his recent serious illness and present poor health may prevent his coming. Those who have had the good fortune to hear one of Dr. Thorp's addresses before the Chemical Society or elsewhere will join in the hope that he will feel well enough to come tomorrow.

The dinner is to begin at 6.15 in order to finish early. Mr. J. M. Neal, general auditor of the Boston Elevated, who is to speak in the living room in the evening, has been invited to the dinner. After the speeches down stairs the men will go up stairs to hear Mr. Neal's address on the "Comparison of the Boston Elevated with Foreign Systems."

CATHOLIC CLUB MEETS

Presentation Of Loving Cup To Father McCarthy

Last night the Catholic Club received its last talk from Fr. McCarthy and presented him with a fitting token of their esteem and regard.

After the meeting was opened Father McCarthy spoke a few words of farewell. After complimenting the members on their spendid spirit he introduced Father Scanlon who is to take his place as spiritual director.

Father Scanlon is well known to the members of the club, having spoken to them three weeks ago on "Spiritualism." He said in part that he considered the work as leader of the Technology Catholic Club a pleasure rather than a duty.

Father Scanlon plans to carry the work along the lines laid down by his predecessor. To keep Catholic students posted on the position of the Church with regard to great public, scientific and educational questions is the principal function of the club.

At the close of Father Scanlon's talk Pres. P. D. White presented Father McCarthy on behalf of the Club, with beautifully engraved cup, as a remembrance for his kind and helpful work for them.

The project of holding a social affair and dance was discussed and a committee of four are to be selected by the president to take up the matter.

TECH CHRISTIAN ASSOCIATION DINNER

Rev. H. W. Stebbins Speaks On Help Tech Men Can Give Prisoners

About forty-five men attended the Tech Christian Association dinner last night. Before the dinner started several men from the Glee Club gave a pleasing selection "Stars of the Summer Night," which was heartily applauded. Then the guests of the evening Rev. H. W. Stebbins, Chaplain of the Charlestown prison; Mr. Hull and Mr. Patterson, were introduced by Secretary Mason. He said that he wished the men to know who was going to be with them before they started the dinner.

Before introducing the speaker of the evening, Rev. H. W. Stebbins, Mr. Mason outlined the plans of the Association for the next few weeks. He announced that the talk next week would be by Rev. A. R. Williams of the Maverick Church, and said also that some time in January he hoped to get three or four prominent engineers to give practical talks on up-to-date business subjects.

Mr. Stebbins started in by saying that he had decided after much study that the United States was the best country to live in when we consider the social conditions. But the United States was much behind England and Germany in the free offering of service by the people for the community. He said that he wanted men to get this spirit of helping and that at the Charlestown prison there was need of men with just this spirit. At the prison there are eight hundred and forty one men. These men needed the influence of clean young college men to inspire and influence them. He said that therefore he wanted some Tech men to come down on Sundays and sing for them. Technology men could help also by finding some way of disposing of the articles the men made in spare hours. He wished them to try and get some of the faculty to come and speak to the prisoners.

After the talk the men broke up into two groups, one led by Mr. Hall and the other by Mr. Pattison and discussed thoroughly what they could do to help Mr. Stebbins.

NEW WORK AT FOUNDRY

The blast furnace in the foundry at the Tech shops is now being used by a class for the first time. The blast furnace is for melting iron. Previously the classes have been very small and the work has been limited to the casting of brass and white metal.

The foundry is well equipped, having three furnaces, one for brass, another for white metal, and a third, the blast furnace, for iron. Each student constructs his own moulds in sand, and then makes the casting.

The value of blast furnace work is evident on only slight consideration of the matter, on account of the great relative importance of iron and steel work to our American industries.

"University Day" has been revived at Northwestern University. On that occasion all departments suspend classes and a general celebration on the founding of the university is held.

CALENDAR.

Thursday, December 2.
4:00—1911 Prom Nominations Close.
Friday, December 3.
4.15—Gym. Team Practice.
6:15—1910 Class Dinner, Union.
8:00—Union Entertainment.

THE TECH.

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BOSTON, MASS., DECEMBER 2, 1909.

If men coming into lectures late would do so quietly, and were able to decide whether they should enter or stay out, without opening the lecture room door, more than half a dozon times, it seems probable that fewer lecturers would have the doors of their lecture rooms locked at five minutes after the hour.

WIRELESS STATION

Work On Equipment In Progress Location In Room A Union

On November 22, a petition was sent to the Executive Committee of the Institute for "permission to erect a wireless station at the Institute according to plans, proposed by the Station Committee and submitted to Professor Cross and Professor Spofford and by them approved. A report on the action of the committee was received by Pres. E. B. Moore yesterday from President Maclaurin and permission was granted to continue with the receiving station on the plans layed down. However, it was deemed advisable to defer the installation of the powerful sending station until the matter of possible interference with government and commercial stations could be carefully worked out and with it be established for a certainty that no trouble would result from such a plant.

One of the main objects of the Wireless Society is to do away with unnecessary interference and so this question is to be carefully worked out before the station is equipped with a powerful transformer for sending.

The wireless station is to be located in the west corner of Room A in the Union. This room is also used at certain times during the day for other activities; but as most of the wireless tests are carried on in the evening and well into the night no conflict is expected. The station is to be open to all wirless society members whose dues are paid. The Station Committee are rushing things as fact as possible and all men who can give a litte time on the station should leave their name for E. W. Guilford, care of Cage, stating time that can be given.

THE "DOPESTER"

Did you read the line up of Harvard's Association Football team. Quite an all International team, wasn't it.

Michigan's great coach, Fielding H. Yost has signed a contract to remain at Ann Harbor for two more years.

Next Tuesday afternoon the 1912 class basketball team meets Boston University at B. U. All 1912 men out, start the team well with some good support.

The last call of local football, Everett High vs Somerville High. This game will certainly be good for any of the football "fans" but get your tickets early.

Another word, for the football "fans." Have you heard the cry, "Back to old style football. Most of the old time players believe thoroughly in the former less open football and they are trying hard to reinstate it in the good graces of the present coaches.

INTERCOLLEGIATE NEWS

At the St. Andrews day celebration of the Scot's Charitable Society, Pres. MacLaurin of Technology was introduced as "a distinguished Scotchman of our own times, and one of the great educators of the land, head of an institution of unsurpassed excellence, who honors Scotland and America." Pres. MacLaurin spoke on Scotch characteristics.

Upon his return from the inauguration of President Shanklin of Wesleyan, President Faunce of Brown said: "In all the inaugurations this fall three notes have been sounded. The first is the close fellowship of Eastern univedsites. They were not made to order or created by a state legislature, nor founded on any one philosophical system, but grew up gradually. The second note in the inaugural exercises has been that of unquenchable faith in the American college. The faith of the American people in the American college is deeper today than ever before. The third note that has been sounded is the necessity for making the college and maintaining the colloge, for serious intellectual toil. Life is too short for four years of idling, of dawdling, of dreaming. The world outside the college is doing harder work than ever before. If the college is to hold its place in public esteem it must keep up its standards of work. It behooves us, amid the large freedom of the modern college, which I believe in, which I want to preserve, it behooves us to remember that it is a serious world, where a man who does not put his utmost effort into his work soon falls behind."

At a meeting of the executive committee of the Boylston Chemical Club of Harvard it was voted that the kind invitation of the Technology Chemical Club be accepted and that an invitation be isued to the members of Tech Chemical Club to attend any of the meetings of the Boylston Club that they may care to.

On next Thursday evening December 2d, Mr. G. W. Hains will speak at the Harvard Union on "The Radium Family" and Mr. C. M. Brewster on "Experiences at Heidelberg." All Tech men who intend to go to this meeting should make their intentions known to the Secretary of the Chemical Club at once.

The football series between the West and the East this year stands three wins for the West and one tie.

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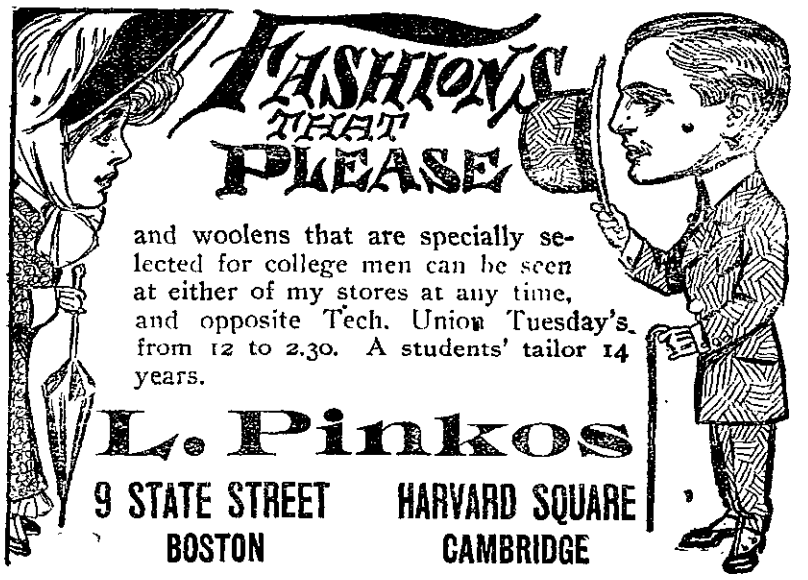

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COURSE VI NOTES

Part of the new machinary to be installed in the electrical engineering laboratory has arrived, but not a sufficient amount of it to warrant its being set up.

Attention of all third year course VI men is called to the fact that work in the electrical engineering laboratory will begin on Wednesday, December 8. All men are to register in Room 10 Walker building before Friday, December 10. The laboratory will be open for work afternoons from two to five o'clock. All laboratory work in Heat (Physics III,) must be completed before work in the electrical laboratory Physical Laboratory notes "Part II," "Special Directions," title sheets, regular ruled laboratory paper, and a set of five place log tables.

Attention of Seniors is called to the fact that the electrical engineering laboratory closes at five o'lock in the afternoon and the horary at five thirty. This rule applies to all men, whether doing thesis work or not.

Special permision must be obtained in order to use the library during the evenings for thesis work.

A large delegation from Course VI, took advantage of the opportunity to inspect the L street power station of the Edison Illuminating Company. Two more groups are yet to go to this station, one to-day and the last Monday, December 6.

The membership of the Electrical Engineering Society is divided into three classes, active, associate and honorary. Any members of the Senior or Junior Classes of Course VI or Course VIII, are elegible for active membership. Any member of the Sophomore Class in either of these courses is elegible for associate membership. Honorary membership is confined to profesors, instructors, and members of the alumni. It seems probable that in the near future men taking Electro Chemistry will be elegible to membership in the Electrical Engineering Society.

24 PIERCE DIVIDED

24 Pierce which was formerly occupied by the Physiological Laboratory, is now also used as a Sanitary Research Laboratory.

A new partition divides the room into two parts. The Physioloical department now occupies the half which has been fitted up as a small lecture room, making room for the Sanitary Research work in the other half.

The latter department which deals with the testing of sewage was formerly located at 786 Albany St. The new quarters are more central and the change is welcomed by all concerned on account of the greater convenience.

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GENERAL NOTICES.

Hereafter all notices on bulletin boards must conform to regular sizes as prescribed by the Institute Committee. All notices not conforming to this rule will be taken down. See specimen posters on boards for sizes, etc.,
53, 57

LOST.

A small black Moore's non-leakable fountain pen. Reward. See circulation manager The Tech.

There is a great deal of mail at the Cage. Call and get yours today.

1910.

The Senior Class Dinner will be held at the Union Friday, Dec. 3, at 6.15 p.m. Tickets may be obtained from the following men:
Courses I and XI. Fitzwater, James, Terry.
II. Hield, Reynolds, Williamson.
III. Goodwin.
IV. Cleverdon.
VI. Gould and Sittinger.
X. Clapp.
XIII. Chapin.
The committee asks all men to get their tickets at once.

THE ATTENDANCE IS
INCREASING
AT THE
UNION LUNCH ROOM.
I WONDER WHY!

1911.

1911 Dinner tickets may be procured from C. F. Hobson, S. P. Kimball, L. G. Fitzherbert and S. B. Copeland.

1911 Dues may be paid to me at the Union between 1 and 2 every day.
E. A. NASH, Treas.

1912.

The hour on Saturday, Dec. 4, will be given to a written exercise made up of sight questions not directly dependent upon any review of the lectures.
H. L. Seaver

Members of the Wireless Society must pay dues to H. D. Kemp, or leave same at the Cage before December 10th to retain membership. Dues are one dollar.
E. B. MOORE,
President.

LOST

In 6 Lowell, a silk umbrella, straight wooden handle. Return to S. E. Rogers, Cage. Reward. 55, 56

Pigskin pocket-book, stamped Seymour Howell Taylor. Finder please leave at Information. 55

Nominations for membership on the Junior Prom. committee are now open and should be left at the Cage at once for Board of Directors, Class of 1911. These nominations must be signed by at least ten (10) members of the class and must be at the Cage before 4 p. m. Thursday, Dec. 2.

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WE OCCUPY THE ENTIRE BUILDING